

CLIPPEDIMAGE= DE003722306A1

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TITLE: Relay valve which can be controlled by at least one circuit and can be used as a trailer control or trailer brake valve, especially for air brake

systems on motor vehicles

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INVENTOR-INFORMATION:

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ABSTRACT:

A relay valve which can be controlled by at least one circuit and can be used as a trailer control or trailer brake valve, especially for air brake systems of motor vehicles, is equipped with at least one control piston 6 and one reaction piston 20, which reaction piston adjoins a rocking surface 22 and divides off a rocking chamber 23 permanently connected to the brake line 24, the reaction piston 20 being acted upon counter to a pressure force on the rocking-chamber side by the force of an advance spring 32, especially an adjustable advance spring. Provided in addition to the rocking chamber 23 permanently connected to the brake line 24 is another rocking chamber 56 and another reaction piston 6, the latter having a rocking surface 57. Provided in a connecting line 55 between the rocking chambers 23 and 56, which are otherwise sealed off relative to one another, is a double non-return valve 60,

the valve element, 58 of which has an adjustable contact force.  
<IMAGE>

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